

L 26213-65 EWT(1)/T/2
ACCESSION NR: AP5007094

IJP(c) AT
S/0109/65/010/003/0484/0490

AUTHOR: Vorob'yeva, O. B.; Mostovskiy, A. A.; Stuchinskiy, G. B.

TITLE: Secondary electron emission of multi-alkali photocathodes

SOURCE: Radiotekhnika i elektronika, v. 10, no. 3, 1965, 484-490

TOPIC TAGS: photocathode, secondary emission

ABSTRACT: The results are reported of an experimental investigation of the secondary emission from [Cs] Na₂ K₂Sb cathodes having an integral photo-sensitivity of 100–200 mA/lum; the pressure during the measurements was about 10⁻⁸ torr. High values (20 to 36) of the secondary-emission ratio (SER) were observed at room temperature and at a primary-electron maximum energy of 1.5–2 kev. Plots of SER vs. primary-electron energy (for thin and thick active layers) and vs. ambient temperature (-190 +360K) are presented. It is found that the multi-alkali cathodes have a great depth of emergence of secondary electrons;

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they behave like efficient dielectrics. Optimally designed, semiconductor secondary-electron cathodes may prove more efficient than known dielectric emitters. Orig. art. has: 6 figures.

ASSOCIATION: none

SUBMITTED: 03Feb64

ENCL: 00

SUB CODE: EC

NO REF SOV: 015

OTHER: 013

Card 2/2 j0

24.7806

AUTHORS:

TITLE:

Lepeshinskaya, V. N., Stuchinskiy, G. B.
Inelastic Electron Reflection and Secondary Electron
Emission of an Activated CuAlMg Alloy in the Region of
Primary Electron Energies of From 0.5 to 20 kev

81656
S/181/60/002/06/46/050
B006/B056

PERIODICAL: Fizika tverdogo tela, 1960, Vol. 2, No. 6, pp. 1328-1332

TEXT: A parallel investigation of the secondary emission properties and the inelastic electron reflection on to a metal base makes it possible to estimate the effective films fastened depth of secondary electrons. The activated CuAlMg had a surface emission η produced in consequence of the diffusion of magnesium and heating film of in an oxidizing medium. By varying the temperature and the duration of heating films of various thicknesses were obtained. On such samples the authors measured the coefficient of the inelastic electron reflection η by employing a static method at 350°C. The experiments were carried out in a quasi-spherical condenser with a high-voltage electron gun and an antidyatron grid.

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Inelastic Electron Reflection and Secondary
Electron Emission of an Activated CuAlMg Alloy
in the Region of Primary Electron Energies
of From 0.5 to 20 kev

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S/181/60/002/06/46/050
B006/B056

Fig. 1 shows the results of δ - and η -measurements. δ_{\max} amounted to 13, at 20 kev δ was 2.3. The η -value between 15 and δ_{\max} was 16% was characteristic of the MgO-layer. At $E_p = 20$ kev the curves for activated and non-activated samples had a very similar course, η being $\approx 30\%$. An estimation of the emission depth of the inelastically reflected electrons (which was equal to half the range of the electrons), shows good agreement with the results obtained by other authors. For the thicknesses of the MgO-layer one obtains 500 to 600 Å. The results obtained by experiments carried out with different film thicknesses (activation between 1 min and 1 hour) are discussed in the following. Fig. 2 shows the functions $\delta(E_p)$ and $\eta(E_p)$ for 4 films of different activation thicknesses (E_p^* increases from 1.3 to 4.3 kev, i.e., film thickness increases (if the effective range of the electrons in MgO equals the double film thickness,

Card 2/3

Inelastic Electron Reflection and Secondary
Electron Emission of an Activated CuAlMg Alloy
in the Region of Primary Electron Energies of
From 0.5 to 20 kev

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B006/B056

$E_p = E_p^*$). Fig. 3 shows the dependence of σ and η on the angle of incidence φ of the primary electrons for different E_p . The higher the primary energy, the more quickly $\sigma/\sigma_{\varphi=0}$ and $\eta/\eta_{\varphi=0}$ grow with increasing φ . An estimation of the emission depth of the secondary electrons gives ~ 500 Å. There are 3 figures and 5 non-Soviet references.

ASSOCIATION: Leningradskiy politekhnicheskiy institut (Leningrad Polytechnic Institute)

SUBMITTED: October 22, 1959

W

Card 3/3

9.31.20

S/058/61/000/010/094/100
A001/A101

AUTHORS: Lepeshinskaya, V.N., Stuchinskiy, G.B.

TITLE: Peculiarities of secondary-emission properties of activated alloys at high energies of primary electrons

PERIODICAL: Referativnyy zhurnal. Fizika, no. 10, 1961, 285, abstract 10Zh19 ("Nauchno-tekhn. inform. byul. Leningr. politekhn. in-t", 1960, no. 9, 82 - 91)

TEXT: The authors investigated a spherical capacitor-type device with an antidyatron grid as to the following characteristics: dependence of the coefficient of secondary electron emission σ and reflection coefficient η on energy E_p (0.5-20 kev) and incidence angle φ (0-70°) of primary electrons, and energy spectrum of slow secondary electrons in alloys CuAlMg, AlMg, CuAlBe and CuBe activated to different degrees. On the basis of the results obtained, thickness of active films forming during the activation process is estimated, and its dependence on activation time is determined. Estimated is also effective depth of outlet of slow secondary electrons ($\sim 500 \text{ \AA}$) from the active surface film. It is shown that inelastic-reflected electrons contribute essentially to the magnitude

✓ B

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Peculiarities of secondary-emission properties ...

S/058/61/000/010/094/100
A 001/A101

of $\tilde{\sigma}$. Moreover, it is established that energy spectrum of secondary electrons is independent of U_p in the range of U indicated. Angular dependence of $\tilde{\sigma}$ shows that its value grows with increasing φ , and the relative increase of $\tilde{\sigma}$ is the larger, the greater is U_p . There are 13 references.

G. Stepanov

✓B

[Translator's note: Complete translation]

Card 2/2

Stuchinskiy, G. B.

AID Nr 974-13 22 May

SECONDARY ELECTRON EMISSION OF ACTIVATED Al-Mg ALLOYS
CONTAINING RARE-EARTH ELEMENTS AND A LOW AMOUNT OF MAGNESIUM
(USSR)

S/181/63/005/003/015/046

Stuchinskiy, G. B. Fizika tverdogo tela, v. 5, no. 3, Mar 1963, 798-800.

This research examines the effect of the Mg content and of a third component, such as rare-earth elements, on the activation and secondary emission of an Al-Mg alloy. First, effective emitters ($\sigma_{\max} = 9$ to 12) were prepared from Al-Mg alloys containing 0.15% min Mg by activation in oxygen at 450-470°C and 10^{-1} mm Hg for 1 to 4 hrs. Then, Al-Mg alloys containing 0.003 to 0.05% Mg plus La or Nd were activated to show the effect of the third component on emitter formation. Alloys containing 0.5 to 6% La and >0.02% Mg proved to be as good emitters as alloys containing up to 2% Mg. Effective emitters were also obtained with the addition of Nd to alloys containing 0.02 to 0.04% Mg. It is assumed that La or Nd tends to increase the rate of Mg diffusion, which in turn leads to selective Mg oxidation on the surface. The third component can be used as an additional control of the diffusion-oxidation processes which lead to the formation of an effective secondary emitter on the surface of the alloy.

[EW]

Card 1/1

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653620012-5

MOSTOVSKY, A.A., TORDO-LYVA, O.O.; SYCHEVSKY, G.B..

Photoelectric and secondary-emission properties of composite
photocathodes. Fiz. tver. tela 5 no.11;3325-3327 N '63.
(MIRA 16:12)

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653620012-5"

VOROB'YEVA, O.B.; MOSTOVSKIY, A.A.; STUCHINSKIY, G.B.

Secondary electron emission of multialkaline photocathodes.
Radiotekhn. i elektron. 10 no.3:484-490 Mr '65.
(MIRA 18:3)

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653620012-5

STUCHLIK, Alexandr

Dredging of inland waterways. Doprava no.12:428-429 '62.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653620012-5"

JAROSZEWICZ, Lucja; STUCHLIK, Elzbieta; TYSZKIEWICZ, Magdalena, dr. med.;
DE WALDEN, Jolanta.

Stuttering in children -- its causes and significance. Neurol.,
neurochir. psychiat. Pol. 14 no.:909-913 N-D '64

1. Z Poradni Zdrowia Psychicznego w Gdyni (Kierownik: dr. med.
M. Tyszkiewicz).

"Two cycles every 24 hours in the 309-37 cut at the Czechoslovak Pioneer Mine."
Uhli, Praha, Vol 3, No 4, Apr. 1953, p. 10.

SC: Eastern European Acquisitions List, Vol 3, No 10, Oct 1954, Lib. of Congress

STUCHLIK, FRANTIŠEK

8.4-272

Stuchlik, František. O pořádkových zásadách v povětrnostním dění. [Regularity in weather development]. Meteorologické Zprávy, Prague, 9(2):52-56, 1956. 3 tables, 46 refs. Russian and German summaries p. 52-53. DWB. In a century's precipitation records for 5 stations in Czechoslovakia and 4 stations in Germany and Austria, a 6-year periodicity of dry summers is identified. The 6-year cycle is interpreted as a combination of the 12-year period of the earth's axial movement and the annual period of the earth's rotation. Subject Headings: 1. Drought periodicities 2. Europe. G.C.

551.577.33:551.577.38(7.4)

2

42
J12

KW
MT

STUCHLIK, F.

SCIENCE

Periodicals: METEOROLOGICKE ZPRAVY. Vol. 11, no. 4/5, Oct. 1958

STUCHLIK, F. The year 1959, a year of substantial extremes in weather; application of climatic data in forecasting. p. 152.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,
May 1959, Unclass.

SOURCE (in code); Given Name

Country: Czechoslovakia

Additional Source: /not given, except for Popolansky/

Affiliation:

Source: Prague, Meteorologicka Zpravy, Vol XIV, No 1-2, 30 April
1961, pp 8-13

Date: "The Frequency of Thunderstorms and Their Duration
on the Territory of the Czechoslovak Socialist Republic,"

Authors:

STUCHLIK, F., Hydrometeorological Institute (Hydrometeorologicky ustav), Prague
POPOLANSKY, F., C Sc, Energetics Research Institute (Vyzkumny ustav ener-

geticky), Brno

TREFNA, E., Hydrometeorological Institute, Prague

(4)

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STUCHLIK, F.

Annual course of precipitation according to 120-year series of
observations at Prague-Klementinum. Meteor zpravy 15 no.2:25-29
'62.

1. Hydrometeorologicky ustav, Praha.

STUCHLIK, F.

Daily air pressure readings in Prague in the period 1850-
1963. Meteor zpravy 17 no.5:134-142 O '64.

1. Hydrometeorological Institute, Prague.

L 31484-66
ACC NR: AP6023108

SOURCE CODE: CZ/0085/65/000/006/0173/0175

AUTHOR: Stuchlik, Frantisek

ORG: HMU, Prague

TITLE: Longterm measurements of meteorological factors and the possibility of using the ascertained changes for forecasting

SOURCE: Meteorologicke zpravy, no. 6, 1965, 173-175

TOPIC TAGS: weather forecasting, uv radiation, sun, atmospheric circulation, synoptic meteorology, climatology, long range weather forecasting

ABSTRACT: The studies of long-term measurements for weather forecasting have been conducted mainly in Germany, United States, Russia, and Great Britain. Long term forecasting is much more difficult in Central Europe than it is in tropical and subtropical climates. Successful forecasting must be based on statistical evaluation of measured data and a satisfactory interpretation of these data based on physics. The forecasting should form a special branch of meteorology, somewhat between synoptics and climatology. The forecasting should be based mainly on the study of the influences of the sun; although the sun constant changes only within 2.2%, and monthly changes amount to 0.2 - 0.5%, they are important enough to cause substantial circulation anomalies. Ultraviolet radiation is very important in this respect. Influence of sun spots upon the weather in Central Europe in the last 200 years is discussed. The years 1795, 1829/30 and 1962/63 are compared. [JPHS]

SUB CODE: '04 / SUBM DATE: none / ORIG REF: 004 / OTH REF: 012
Card 1/1 mc UDC: 551.509.33

COUFAL, L.; STUCHLIK, F.

Cloudiness in Prague in the last 100 years. Meteorolog zpravy
15 no.5:128-135 0 '62.

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653620012-5

(Yours, etc.,) ——————, ——————, ——————, ——————.

Set: Century Magazine, Vol. 1, No. 1, October 1850, New York.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653620012-5"

STUCHLIK, H.

Closing the temporary Klicava Waterworks. p. 251.
VODA. Vol. 34, no. 8, Aug. 1954.

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 5, No. 6, June 1956 Uncl.

STUCHLIK, H.; KAREL, J.

Technical improvement in water supply.

p. 218
Vol. 5, no. 6, June 1955
VODNI HOSPODARSTVI
Praha

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 3
March 1956

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and
Their Application. Water Treatment. Sewage Water.

H-5

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 25551

Author : Stuchlik H.

Inst :

Title : Results of Operational Tests at the Klicave Water-Treatment Plant.

Orig Pub : Voda, 1956, 35, No 5, 146-151

Abstract : Results of operation over a period of two years are described. The initial water was coagulated with a mixture of FeSO_4 and $\text{Al}_2(\text{SO}_4)_3$ (at a ratio 1:3) at dosages of 50-60 mg/liter with concurrent chlorination. After settling the water was filtered through rapid filters (at a rate of 3.57 m/hour) and dechlorinated (activated charcoal filters, 40 cm deep layer). For disinfection the water was subjected to second chlorination

Card 1/2

- 12 -

Approved chlorine treatment of cyanide waste water, p. 117. V.D.
Metodni sprava vzhledu hospodarsvi) Bratislava, Vol. 25, no. 6, June
1951.

WCO: Anti-European Accusations List, Vol. 5, n. 2, September 195

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and Their
Applications. Water Treatment. Sewage.

H

Abs Jour: Ref Zhur-Khim., No 8, 1959, 27898.

Author : Stuchlik.

Inst :

Title : Improved Chlorination of Water.

Orig Pub: Voda, 36, No 4, 92-93 (1957) (in Czech)

Abstract: Chlorinating equipment for low-alkalinity water
is described, making it possible to achieve a high
disinfecting action as well as complete neutraliza-
tion of the free HCl. The neutralization is carried
out in a cylindrical reactor packed with marble with
a grain size of 3-5 mm. -- S. Yavorovskaya.

Card : 1/1

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Stuchlik

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Application. Water Treatment. Sewage.

Abs Jour: Ref Zhur-Khimia, No 9, 1959, 31300.

Authors : Podhorsky, J., Stuchlik, H.

Inst : Not given.

Title : Semi-Industrial Experiments in Contact Filtration of the Water of the Prunerovsky Stream.

Orig Pub: Voda, 1957, 36, No 5, 127-131.

Abstract: Results obtained during the coagulation of water by the salts of Fe^{+3} and Al^{+3} are introduced.
-- M. Lapshin.

Card 1/1

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CIA-RDP86-00513R001653620012-5

SECRET REF ID: A65362

RECORDED IN THE CLOUDS, AND IN THE AIR, AND ON THE GROUND,
BY THE SIGHTS, AND BY THE SOUNDS, AND BY THE FEELS,

WE ARE GOING TO GET YOU, AND WE ARE GOING TO GET YOU,
WE ARE GOING TO GET YOU.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653620012-5"

S VONLIK, H.

Large-diameter water pipes from prestressed concrete. n. 134.

YODNI HOSPODARSTVI. (Ustredni sprava vodniho hospodarstvi)
Praha, Czechoslovakia
no. 3, Mar. 1959.

Monthly list of East European Acquisitions (EEAI), IC, Vol. 8, no. 7
July 1959
Uncl.

STUCHLIK, H.

Application of the dechlorinated activated carbon in water-supply
connections. p. 257.

VODNI HOSPODARSTVI. (Ministerstvo energetiky a vodniho hospodarstvi
a Vedecka technicka spolecnost pro vidni hospodarstvi) Praha,
Czechoslovakia, No. 6, June 1959.

Monthly List of East European Accession (EEAI), LC Vol. 9, no. 2,
Feb. 1960.

Uncl.

STUCHLIK, H.; VAGNER, Vl., inz.

Emergency water treatment plant. Vodni hosp 13 no.1:15-17 '63.

1. Zavod pro upravu vody, Praha.

STYCHLIK, H.; VAGNER, Vl., inz.

Two-layer filtration using diatomaceous earth. Vodni hosp 15
no.4:159-160 '65.

1 Zavod pro upravu vody, Prague.

STEJSKAL, Jan; PLESNIK, Jan; HRUSKA, Ladislav; SVOBODA, Jaroslav; NAJMR,
Stanislav; PREININGER, Miroslav; HAUNER, Frantisek; BENDA, Josef, inz.;
KRAJCOVIC, Vladimir; VLCEK, Kvetoslav; KRBLICH, Jan; CERNY, Ladislav, Dr.;
DVORACEK, Miroslav, inz. dr.; CHYTRA, Frantisek, inz.; FOLTYN, Jiri;
VYSKOT, Miroslav; STAMBERA, Jaroslav, C.Sc. Doc.Inz.; KOSIL, Vladimir;
STUCHLIK, Jaroslav, Inz.; NAKLADAL, Jaroslav, Inz.; RICHTER, Lev, MVDr.

Statements of directors of institutes, and of managers of workplaces
of the Czechoslovak Academy of Agricultural Sciences. Vestnik CSAZV 8
no.8/9:496-531 '61.

1. Dopisujici clen Ceskoslovenske akademie zemedelskych ved (for
Stejskal, Plesnik, Hruska, Svoboda, Najmr, Preininger, Hauner, Benda,
Krajcovic, Krblich, Dvoracek, Foltyn, Vyskot, Kosil) 2. Clen redakcni
rady Vestniku Ceskoslovenske akademie zemedelskych ved (for Plesnik,
Preininger, Foltyn, Vyskot) 3. Reditel Vyzkumneho ustavu zivocisne
vyroby Ceskoslovenske akademie zemedelskych ved v Uhercicach (for
Dvoracek) 4. Reditel Ustavu pro vedeckou soustavu hospodareni Cesko-
slovenske akademie zemedelskych ved v Praze (for Benda)

(Czechoslovakia—Agriculture)

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653620012-5

STUCHLIK, J.

"On neomorphism of psychological tests. Cesk. psych. 60 no.6:
383-394 N° 64.

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RECORDED ON 100% MICROFILM. 100% MICROFILM. 100% MICROFILM. 100% MICROFILM.
LINE, 247 (CONT'D.)

Re: General Microfilm, Inc., Section 14, Vol. 3, No. 1-6

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653620012-5"

STUCHLIK J. and ŠEMOTAN J. Vseobecna, specialni a aplikovana psychiatrie a psychohygiena na vyssi skole zdravotni Curricula in psychiatry and mental hygiene for Nurse Training Schools Zdravotnicka revue, Prague 1949, 24/12(241-244)

Teaching programme for the special branch of psychiatric care. An even more detailed curriculum in general, special and applied psychiatry and mental hygiene than that for medical students is proposed.

Roubicek - Prague (VIII, 4)

So: Medical Microbiology & Hygiene Section IV, Vol. 3, No. 7-12

STUCHLIK J.

6

Preparing trimethylbenzylammonium hydroxide (Triton B). L. Stuchlik, M. Tichy, and V. Prochazka (Tech. Univ., Prague). *Chem. Listy* 50, 862 (1956).—The described procedure replaces the use of expensive Ag₂O by an ion exchanger. PhCH₂Cl (83 g.), 300 ml. 30% Me₃N-EtOH, and 100 ml. EtOH heated 5 hrs. to 70-5° gave 100 g. PhCH₂NMe₂Cl which, passed over a strongly basic resin in the OH⁻ cycle and the soln. evapd. under N, yielded 135-157 g. of 60-70% soln. of Triton B ready for use as catalyst.

L. J. Urbánek

(3)

M. Tichy

Stuchlik, J.

5

✓ α -Oxo- β -(*o*-nitrophenyl)- γ -butyrolactone. M. Tichý and
J. Stuchlik (Tech. Univ., Prague). *Chem. Listy* 50, 663-4
~~1.0 g. O₂N-CH₂-COCl, 1.1 ml. 10.5 g. 3 g. para-~~
formaldehyde, and 1 g. Me₃NH-HCl in 230 ml. C₆H₆ refluxed 3 hrs., the ppt. dissolved in 500 ml. boiling water, and
the soln. decolorized with active C and evapd. gave 6.5 g.
 α -oxo- β -(*o*-nitrophenyl)- γ -butyrolactone (I), m. 160°.
I is very resistant to attack by alk. H₂O₂, const-boiling HBr,
and PBr₃. Me₃SO₃ (0.25 ml.) and 2.1 ml. 0.1N NaOH
stirred into 0.5 g. I in 2.1 ml. 0.5N NaOH at 10°, the mixt.
heated to 60°, 0.5N NaOH added till a reddish brown color
appeared, the mixt. acidified with HCl and extd. with Et₂O,
the ext. evapd., and the residue crystl. from MeOH
yielded 0.38 g. *Me ester of the enol of I*, m. 79°. I (0.5 g.)
in pyridine-C₆H₆ and 0.27 ml. BzCl refluxed 10 min. gave
the *benzoate of the enol of I*, m. 88° (from MeOH).

L. J. Urbánek

(2)

RX 202

EXCERPTA MEDICA Sec 8 Vol 12/6 Neurology June 59

3017. EXPERT TESTIMONY ON MENTAL CONDITIONS IN PENAL PROCEEDINGS (Czech text) - Stuchlik J. Prague - PROBL. PSYCHIAT. 1957
(170-173)

The expert's task consists in giving an opinion on the conditions concerning the crime. Since the inquiry is always being carried out at a later time, the conclusions on these conditions can be drawn either from anamnestic statements, or from the statement of the present condition, or finally from materials of different value having a bearing on the condition at the time of the commitment of the act. In the expert's testimony it is, therefore, necessary always to characterize separately, in the usual form of diagnosis, the habitual state, the condition at the time of the crime and the present state. Frequently, the need arises of ascertaining the condition at the time of trial, especially so if there is a striking difference from the past state. It appears always necessary to give reasons for the conclusion, since this, forensically, is not apparent from a mere medical diagnostic statement.

EXCERPTA MEDICA Sec 8 Vol 12/8 Neurology Aug 59

4009. CONDITIONS CLOSE TO IRRESPONSIBILITY UNDER THE PROVISIONS
OF THE CZECHOSLOVAKIAN PENAL CODE (Czechoslovakian text) -
Stuchlik J. Prague - PROBL. PSYCHIAT. 1957 (173-182)

The condition 'close to incompatibility' constitutes an extenuating circumstance which is of influence for the classification and liability to punishment of an act. A stricter definition of this condition is not given. From the point of view of psychiatry as such, a state appears practically always to be 'hypophrenosis' (under-rationality) allowing no adequate evaluation either of the essence or the consequences. All kinds of superevaluation, arising from 'profound convictions' to borderline paranoid situations, and all obvious psychopathic states of disequilibrium, especially when actions with an essential or concomitant emotional component of great import were the concern, are not taken into consideration. Defects of intellect, innate or acquired, must be judged in regard to the actual facts of the case; test findings, though not decisive, are yet available. A controlled establish-

"APPROVED FOR RELEASE: 08/26/2000

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4009

ment of the 'intelligence quotient' of 80 or 80 is enough to justify the conclusion
for the existence of a state 'close to the irresponsibility' for acts of any kind.

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CIA-RDP86-00513R001653620012-5"

EXCERPTA MEDICA SEZ 8 Vol 12/2 Neurology Feb 59

(KLEVEN - DUTCHMAN (VIII, 6*))

1259. CONTRIBUTION TO THE PSYCHOPATHOLOGY OF VERBAL EXPRESSION: NEOPHASIAS AND NEOGRAPHIES - Contribution à la psychopathologie de l'expression verbale: les néophasies et les néographies - Stuchlik J.
Univ. de Prague - ACTA NEUROL. BELG. 1957, 57/12 (1004-TU30) Illus. 13
All neologisms mean a flight from reality, and have, in some measure, the character of a game. Neophasia (a carefully worked out linguistic system) does not proceed from magical creativity. This is illustrated by an extreme case of polyglot neophasia, in megalomaniac form of dementia paranoïdes (paranoia inventoria).
Dorren - Amsterdam

EXCERPTA MEDICA Sec 8 Vol 12/4 NEUROLOGY Apr 59

1822. CONTRIBUTION TO THE STUDY OF NEOLOGISMS - Prolegomena ke studiu neofasii. III. Glossolalia a glosografie - Stuchlik J., Legerova B. Praha II - ČSL. PSYCHIAT. 1958, 54/2 (94-107) Illus. 2

Glossololias are neologisms simulating the forms of coherent speech. Not only do they maintain the distinctions of words and sentences, in lengthy utterances, but even stress, intonation and subdivision into paragraphs. Although probably the impetus to speech always lies in a desire for actual communication of thought, neologisms are as a rule unintelligible, expressed in spoken language as a mere conglomeration of sounds and in writing as a series of letters. The alteration in thought processes not only facilitates the formation of neologisms, but appears to be the condition both of their origin and of the form in which they are expressed. They are most frequently associated with ecstatic and somnambulant states; schizophrenic autism is a less frequent cause. Babbling during delirium (organic, intoxicative, psychic) are glossolalias only in form; true glossolalia is always characterized by purposefulness. The existence of glossolalias completely devoid of any content (the so-called 'psittacistic' manifestations) can be neither unequivocally proved nor disproved. Infantile or brief oligophrenic glossolalias are most likely to be classed as psittacisms in the strict definition of the term. Repeated, mainly hysterical, glossolalias may be considered a rudimentary form of true neophasia, with its rudimentariness manifest both in poverty and delimitation of content and in syntactical inadequacy. Flounoy's classical case was of this type. It is incidental to the nature of the phenomenon that it may be manifested collectively thus becoming a social phenomenon. Historical instances of religiously tinged mass-hysterias dating from the early Christian era to sectarianisms of the present day are instances of glossolalic psychic epidemics.

GILJAROVSKIJ, V. A.; STUCHLIK, Jaroslav

Prolegomena to the study of neologisms. II. Psychology of neologisms
& glossolalia. Cesk. psychiat. 54 no.4:216-222 Aug 58.

1. J. S. Legerova 8, Praha 2.

(HALLUCINATIONS

in schizophrenia, with neologisms & glossolalia (Cz))

(SCHIZOPHRENIA, psychol.

neologisms & glossolalia in hallucinatory states (Cz))

STUCHLIK, Jaroslav

Preliminary remarks on neophasias. IV. Pseudowords: verbal conglomerates.
Cesk. Psychiat. 55 no.3:153-156 June 59.

(LANGUAGE

pseudowords & verbal conglomerates, differentiation from
neologism (Cz))

STUCHLIK, Jaroslav

Prolegomena to the study of neophasia. V. Neostenography. Cesk.
psychiat. 57 no.1:29-33 F '61.

(SHORTHAND)

STUCHLIK, J.

On psychopathology of cenomorphism of language. Bratisl. Lek. Listy
42 no.3:140-148 '62.
(LANGUAGE)

CZECHOSLOVAKIA

Jar. STUCHLIK [Affiliation not stated]

"The Historical Beginnings of Psychiatry in Kosice."

Prague, Ceskoslovenska Psychiatrie, Vol 38, No 6, 1962; pp 414-418.

Abstract: Review of the development and growth of psychiatric research and patient care in Eastern Slovakia from February 1919 through 1938, by the man who was responsible for it. Many names of clinicians and teachers, former students who now hold important posts in Czechoslovakia, other European countries and the US. Two German and 13 Czech references.

1/1

Gerd. Stuchlik, [Affiliation not given]

"Contribution to the Study of Neophasia. V. Neomimia, Neo-
APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653620012-5"

Prague, Ceskoslovenska Psychiatrie, Vol LIX, no 2, April 63,
pp 161-166.

[Author's English summary, modified]: Apart from the most frequent verbal and graphic neoformations the kinesias are the most common. Neomimias rank foremost among them. Paroxysmia cannot always be considered a neomimia. Grimacing in front of a mirror, common in children, is a psitacistic neomimia. Grimacing of schizophrenics, mental defectives, epileptics and hysterics is mentioned as being pathological neomimia. More extensive neokinesias of any group of forms may take place as well. Their complexity of innervation and localization excludes accurate description and classification. This applies also to neopraxias and neokinesias in general. Mimetic or convulsive neokinesias, produced in extatic state often induce homoform mass manifestations.

1/1

L 62723-65 EWA(h)/EWP(c)/EWP(k)/EWP(h)/EWP(b)/T/EWA(d)/EWP(l)/EWP(v)/EWP(t)
ACCESSION NR: AP5021462 JD CZ/0034/64/000/011/0818/0824

21
B

AUTHOR: Stuchlik, Jan (Engineer); Flachs, Vaclav

TITLE: Industrial television in metallurgical plants

SOURCE: Hutnické listy, no. 11, 1964, 818-824

TOPIC TAGS: tv equipment, metallurgic industry, working condition

Abstract: The installation of television is expensive and therefore it has to comply with all the requirements of the plant. The installation must be protected from excessive temperatures, vibrations and dust. The areas must be sufficiently lighted to allow good transmission and infrared radiation must be controlled. Orig. art. has 5 figures, 12 graphs, and 4 tables.

ASSOCIATION: VZKG - Vyzkum a vývoj hutních zářízení (Department of Research and Development of Metallurgical Equipment, VZKG)

SUBMITTED: 00

ENCL: 00

SUB CODE: MM, EC

NO REF Sov: 001

OTHER: 005

JPRS

Card 1/1 7/9

L 46904-66 T/ENR(t)/ETI LIP(c) JD
ACC NR: A16034290

SOURCE CODE: CZ/0034/66/000/005/0355/0357

26

E

AUTHOR: Stuchlik, Jaromir (Engineer)

ORG: Technical University, Brno (Vysoka Skola Technicka)

TITLE: Experience with using diamond dust in metallographic polishing, 18

SOURCE: Hutnické listy, v. 21, no. 5, 1966, 355-357

TOPIC TAGS: metal polishing, metallography

ABSTRACT: The author describes the technique of diamond dust polishing which is rarely used in Czechoslovakia, because the dust is not produced commercially in the country. A laboratory method for preparation of the dust, a paste containing it, and of the equipment needed for its use is presented. A method for the use of the diamond dust in semi-automatic polishing machines is described. Orig. art. has: 9 figures.
[JPRS: 36,867]

SUB CODE: 13, 11 / SUBM DATE: none / ORIG REF: 008 / OTH REF: 007

Card 1/1 fv

0921 0011

STUCHLIK, I.; REYMANOWNA, M.

The use of polymers in paleobotanic laboratories. p. 95.

WIADOMOCTI BOTANICZNE. (Polskie Towarzystwo) Krakow, Poland.
Vol. 3, no. 2, 1959.

Monthly List of East European Accessions (EEAI) IC, Vol. 9, no. 1, Jan. 1960.

Uncl.

STUCHLIK, Ladislav

Making use of mechanization by specialization and concentration
of production. Prum potravin 14 no.5:256 My '63.

1. Sdruzeni mlekaren, Praha.

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653620012-5

SZAFER, Wladyslaw; GONDEK, Jozef; ZURZYCKI, J.; OLSZEWSKI, J.; STUCHLIK, Leon;
KORNAS, Jan; SKIRGIELLO, A.

Reviews. Wiadom botan 8 no.3/4; Suppl: Biul ogrod botan no.3/4:257-266
'64.

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653620012-5"

CZECHOSLOVAKIA

SIUCHLIK, M.; KRASNEC, L.; Scientific and Research Institute, Pharmaceutical Faculty, Comenius University (Vedeckovyzkumný Ustav Farmaceuticke Fakulty UK), Bratislava.

"The Use of Solubilizers in Partition Paper Chromatography. I. Separation of Opium Alkaloids in Systems of Toluene and Aqueous Solutions of Solubilizers."

Prague, Ceskoslovenska Farmacie, Vol 16, No 2, Feb 67, pp 70 - 72

Abstract /Authors' English summary modified/: Selected opium alkaloids were isolated by paper chromatography with reversed phases. Aqueous solutions of salts of arylsulfonic and arylcarbonic acids were used as the mobile phase, and toluene as the stationary phase. The solutions must have a minimum pH of 10. The separation should be made in as short a time as possible. The solubility of the substances is probably due to the formation of molecular complexes between the alkaloid and the solubilizer; this theory is supported by the electrophoretic mobility of papaverine and narcotine in solubilizers. 6 Tables, 6 Western, 2 Czech references.

1/1

STUCHLIK, P.

Sunlight at Praha-Karlov Observatory in the period 1921-1962.
Meteor zpravy 16 no. 5: 146-150 0'63.

1. Hydrometeorologicky ustav, Praha.

STUCHLIK, Svat.; SIMUNEK, Ant.

Some questions of forensic psychiatry in the light of the new
penal code. Cesk. psychiat. 53 no.3:157-162 May 57.

1. Psychiatrické odd. KUNZ v Pardubicích a Krajská prokuratura
v Hradci Králové.
(PSYCHIATRY, legislation
in Czech. (Cz))

STUCHLIK, Svatopluk

Problems of understanding of crime & of public security. Cesk. psychiat.
53 no.5:337-342 Oct 57.

1. Z psychiatrickeho oddeleni KUNZ v Pardubicich.
(CRIME, psychol.
(Cz))

S. T. ALIK, Vladimir

Determination of the basic physicochemical properties of blast furnace iron or its iron content and the slip-charger of the blast furnace. Zolotoye, 1934, No. 1.

A. A. Gottwald New Ironworks, Scientific Research Institute, Coke Department.

STUCHLIK Vladimir, inz. CSc.; DRABINA, J., inz.

Effect of coke quality on the blast furnace process. Hut listy
19 no.8;577-580 Ag '64.

1. Coke Research Department, Research and Testing Institute, Nova
hut Klementa Gottwalda, Ostrava-Kunice (for Stuchlik).

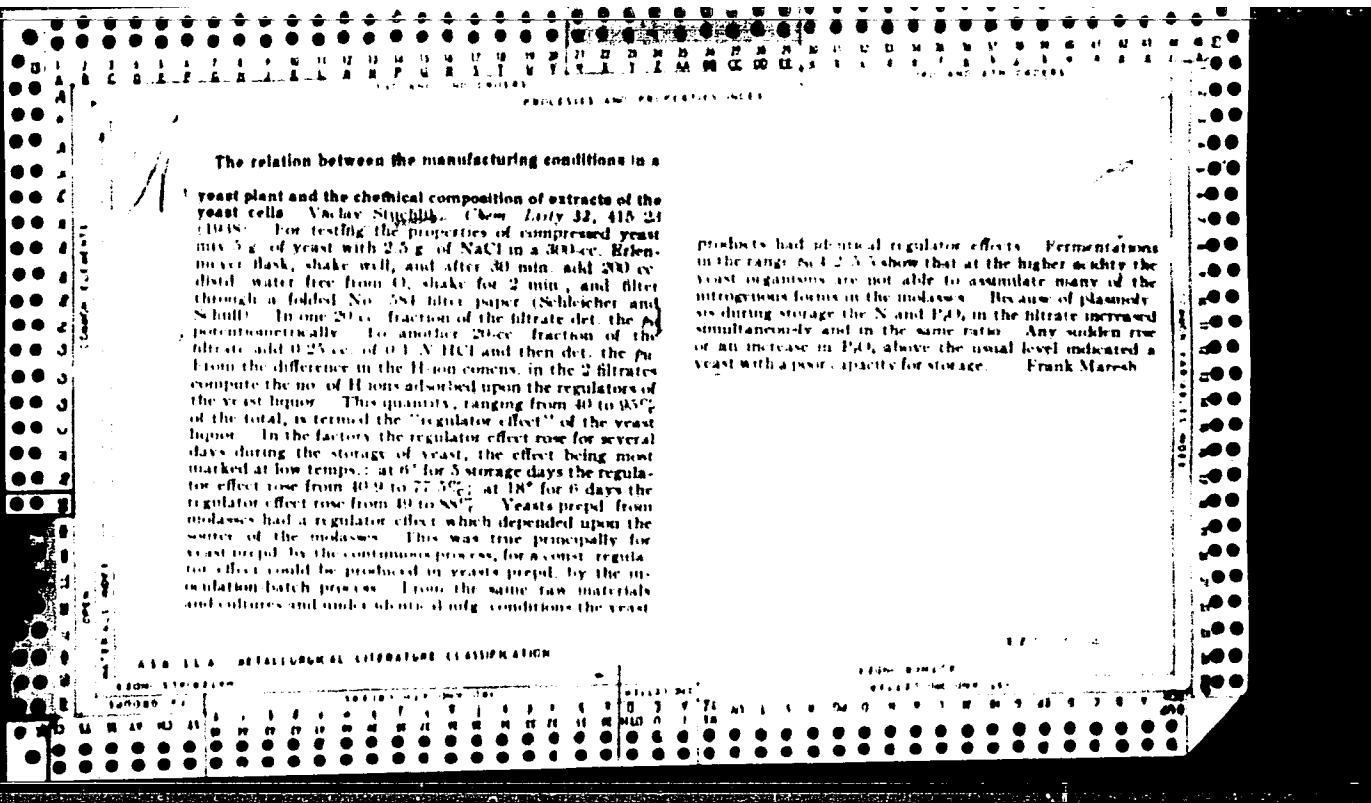
STUCHLIK, Vl., inz. CSc.

Grinding property of coal, inert substances, and the wear of
grinding equipment. Paliva 44 no.11:339-340 N '64.

1. Research and Testing Institute of the Nova hut Klementa
Gottwaldia National Enterprise, Ostrava.

ccw

Ropiness of white bread and its prevention. V. Stuchlik. *Chem. Obzor* 10, 4-6(in English 6)(1935).—The germination and growth of spores of the organisms which cause ropiness of white bread can be prevented by suitable acid reaction. The pH was varied by the addition of lactic acid, and pH 4.80 was found to be the crit. point at which the spores were prevented from germinating.
J. Kučera



CA

Determination of alcohol and sugar in cognac. M. R. Kolyatenko. *Vinodelite i Vinogradarstvo S.S.R.* No. 8, 17-10 (1948). -- Comment on paper by D. A. Dymchishin, *ibid.* 8, No. 3, 19-22 (1948). H. J. Oatfield

The production of gin. Václav Stuchlík (Stredoslov, kvassí pňemysl, Trenčín, Czech.). *Sborník Českého Akad. Zemědělské* 22, 393-408 (1950). -- Com. manuf. of gin as it is customary in Slovakia, by fermenting the drugs, prepd. from the crushed *Juniper* berries is described. Special yeast culture, nurtured directly on and taken from the microflora of juniper berries is used in fermentation. The quality of *Oleum Juniperi*, the distillation of refuses, the consumption of fuel, the production calculus, chem. evaluation of juniper berries, distillates, and potable gins as well as manuf. on lab. scale is discussed. J. Micka

CR

28

Sorghum saccharatum and its use (in industrial processing). Václav Stuchlík. Česk. Zeměd. 4, 514-63 (1950).— History, botany, analysis of juice and its various industrial uses are described.
Jan Míčka

1951

28

CA

*Cane-sugar molasses and its utilization as a raw material
in the yeast industry.* Václav Stuchlík, Emil Příš, and
Ludovít Palteka (Stredoslov. Kvantif. Průmysel, Trenčín,
Czech.). *Chem. Zvesti* 5, 145-57(1951). —A comparative
study was made of imported Egyptian cane-sugar molasses
and domestic beet-sugar molasses. Jan Micka

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653620012-5

Abdullah, J.

"Fundamental of radiological synthesis of yeast albumins."
Chemische Rundschau, trilingual, Vol. 6, No. 4/14, Nov./Dec. 1954, p. 577

Also: "The synthesis of yeast albumins," Vol. 6, No. 10, Oct. 1954, Lieb. of Congress

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653620012-5"

"APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653620012-5

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653620012-5"

Stuchlik, V.

Separation of the ferment in yeast plants. p. 30. KVASYN PRUMYSL.
(Ministerstvo potravinarskeho prumyslu) Praha. Vol. 2, no. 2,
Feb. 1956.

Source: EFAL LC Vol. 5, No. 10 Oct. 1956

STUCHLIK, V.

STUCHLIK, V. Dehydration of yeast in a vacuum rotation filter. p. 17^l

Vol. 2, no. 8, Aug. 1956
KVASNY PRUMYSL
TECHNOLOGY
Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

STUCHLIK, V.

STUCHLIK, V. Use of actidion in differential diagnosis of microbiologic control of yeast. p. 11, Vol 3, no. 1, Jan. 1957
KVASNY PUVYSL (Ministerstvo potravinarského)
Praha, Czechoslovakia

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) VOL 6 NO 4 APRIL 1957

STUDY 1.

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their Application. Fermentation Industry. I-12

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2812

Author : Stuchlik, V.

Inst : -
Title : Aeration and Aeration Systems at Yeast Plants.

Orig Pub : Kvasny prumysl, 1957, 3, No 6, 131-136, 2 and 3rd page of cover

Abstract : Biological processes necessary for the growth and accretion of yeast are described. The regulation of these processes by aeration is effected on the basis of empirical data, since, as yet, no materials are available concerning the mechanism of the production process as a whole, and it is not possible to formulate mathematically the correlation between yeast proliferation and aeration. In order to improve the production of yeast it is proposed to utilize the optimal results of the production of organic acids and antibiotics.

Card 1/1

CZECHOSLOVAKIA/Microbiology - General Microbiology
Ref Zhur - Biol., No 18, 1958, 81339

APPROVED FOR RELEASE: 08/26/2000 CIA-RDP86-00513R001653620012-5"

Author : Arpaí, J., Stuchlik, V.

Inst : -

Title : Use of a Special Apparatus for Yeast Selection.

Orig Pub : Kvasny prumysl, 1957, 3, No. 8, 182-184

Abstract : An apparatus is described for isolating yeasts from a single spore, which represents a modification of the apparatus of Negashuk et al. -- (Necasek, Paleckova, Tesar, Fersilia, 1954, 26, 105).

Card 1/1

STUCHLIK, V.

"Measuring the level and volume of fermenting substances in yeast."

EVASIV PUBL. L, Praha, Czechoslovakia, Vol. 5, No. 6, June 1959.

Monthly List of Most European Accessions (A), 1, Vol. 1, No. 9, September 1959.

Unclassified.

STUCHLIK, Vaclav

The Symposium on Vitamins in Poznan. Biologia 15 no.3:230-231 '60.
(EEAI 9:8)

(VITAMINS)

STUCHLIK, Vaclav.; RABANOVA, Ludmila; GINTEROVA, Anastazia;
MITTERHAUSZEROVA, Ludmila

A contribution to studies of the properties of biologically
active yeast. Biologia 16 no.1:40-46 '61. (KEAI 10:7)

(YEAST)

RABANOVA, Ludmila, dr.; STUCHLIK, Vaclav, dr., inz.

Sporulation ability of certain types of baking yeast and their reaction on culture conditions. Biologia 16 no.9:661-667 '61.

1. Ustredny vyskumny ustav potravinarskeho priemyslu, Pobocka v Bratislave, Bratislava, Mileticova 14 b.

(Yeast)

SOLOTA, KRAL, LUKAVSKA, HORVATOVIC, Vojtech., RUKERNA, Maria

Načrty pro Candiida berklout. V. Basic nutrition of *Candida albicans*
in liquid culture. Folia microbiol. (Praha) 9 no.6:361-368 N '64.

I. Institute of Chemistry, Slovak Academy of Sciences, Bratislava.

CZECHOSLOVAKIA/Chemical Technology. Chemical Products & and Their Uses. Part III. Chemical Processing of Solid Fossil Fuels.

Abs Jour : Ref Zhur-Khimiya, No 15, 1958, 51-58

Author : Stucklik, V.

Inst :

Title : Usefulness of Two Gas-Collecting Pipes' Installation in Coking Ovens.

Orig Pub : Paliva, 1957, 37, No 7, 226-230

Abstract : Thermotchnical conditions of operation of gas-collecting pipes (G) with various methods of water spraying, effect of G on conservation of hydrocarbon components of the coker gas, practical observations about the functioning of G, and economic

Card : 1/2

Prague, 1969.

"Composition of coke with an admixture of calcined pyrites and blast-furnace waste."

Pyrite, Prague, Czechoslovakia, Vol. 32, No. 5, May 1969.

Monthly List of East European Publications (EAP), 1969, Vol. 1, No. 9, September 1969.

Translations.

STUCHLIK, Vladimir, inz.

Effect of inert additions on caking, coking, plasticity and degasification of coal. Hut listy 16 no.12:843-847 D '61.

1. Koksarensky vyzkum, Vyzkumny a zkusebni ustav, Nova Hut Klementa Gottwalda.

(Coal)

STUCHLIK, V., inz.

The optimum method for connecting two patterns in coking.
Paliva 41 no.9:385-390 S '61.

1. Vyzkumny a zkusebni ustav, Nova hut Klementa Gottwalda.

STUCHLIK, V., inz.

Criticism of the coking gas analysis on the Orsato chromatograph.
Paliva 41 no.11:347-348 N '61.

1. Koksarensky vyzkum, Vyzkumny a zkusebni ustav, Nova hut Klementa
Gottwalda.

STUCHLIK, V., inz.; ORLIK, M., inz.

The new in the Rumanian coking industry. Paliva 41 no.12;380-386 D
'61.

1. Koksarensky vyzkum, Vyzkumny a zkusebni ustav, Nova hut Klementa
Gottwalda.

STUCHLIK, V., inz.

Correct position of impulse pipes on countershafts. Paliva 42
no.1: 19-20 Ja '62.

1. Koksarensky vyzkum, Vyskumný a zkusební ustanov Nove Hutí
Klementa Gottwalda -

STUCHLIK, V., inz.

Research center of the British Coke Research Association.
Paliva 42 no.4:112-114 Ap '62.

1. Koksarensky vyzkum, Vyzkumnny a zkusebni ustav Nove
Huti Klementa Gottwalda.

STUCHLIK, V., inz.

Addition of anthracitic coal to the coking coal. Paliva 42
no.9:262-266 S '62.

1. Koksarensky vyzkum, Vyzkumný a zkusební ustav, Nova hut
Klementa Gottwalda.

STUCHLIK, V., inz.

Relation between the coal shrinkage and degasification velocity.
Paliva 43 no.1:3-7 Ja '62.

1. Vyzkumy a zkusebni ustav, Nova hut Klementa Gottwaldova,
koksoarensky vyzkum.

MEDRICKY, Zdenek, inz.; STUCHLIK, Vl., inz.

Present situation of the Polish coking industry. Paliva 43
no.1:21-24 Ja '62.

1. Koksarensky vyzkum, Vyzkumny a zkusebni ustav, Nova hut
Klementa Gottwalda.

STUCHLIK, Vl., inz. ČSSr.

State of the research on coke in Czechoslovakia and abroad.
Paliva 44 no 9,277-281 S '64.

1. Research and Testing Institute, Nova hut Klementa Gottwalda,
Ostrava-Poruba,

L 3330-66 EWP(t)/EWP(b) JD

ACC NR: AP5027877

CZ/0034/65/000/002/0123/0127

AUTHOR: Stuchlik, Vladimir (Engineer, Candidate of sciences)TITLE: Use of bituminous semi-coke in metallurgy 1819
BSOURCE: Hutnické listy, no. 2, 1965, 123-127

TOPIC TAGS: coke, coal, metallurgy

ABSTRACT: The article presents the characteristics of semi-coke produced in Rumania by the fluid carbonization method for Czechoslovak metallurgical use. The limits within which it can be substituted for coking coal are given. Orig. art. has: 16 tables, 4 graphs.

ASSOCIATION: Vyzkumny a zkusebni ustanov, koksarensky vyzkum, Ostrava-Kuncice (Research and Testing Institute, Coke Oven Research)

SUBMITTED: 00

ENCL: 00

SUB CODE: MT, MM

NR REF Sov: 009

OTHER: 012

JPRS

Card 1/1 DP

ACCESSION NR: AP5015030

CZ/0057/64/000/011/0523/0528

AUTHOR: Stuchlik, Vladimir (Engineer, Candidate of sciences)

TITLE: Determination of the main physical and mechanical properties of metallurgical coke during its conveyance from the coke oven block to the blast-furnace skip charger

SOURCE: Hutnik, no. 11, 1964, 523-528

TOPIC TAGS: mineral fuel, refining furnace

Abstract (Author's Czech summary, modified): This article reports the results of determinations of the properties of four Czech cokes: of the particle sizes on the ramps, the Micum abrasion resistance of various lots, the relation between the particle size and the strength of the cokes on the ramp and in front of the blast-furnace skip charger, and the disintegration of the coke in various crushers. Orig. art. has 11 tables, 1 graph and 1 figure.

Card 1/2

ACCESSION NR: AP5015030

ASSOCIATION: VZU-NHKG, Ostrava

SUBMITTED: 00

ENCL: 00

SUB CODE: FP, MM

NO REF SOV: 006

OTHER: 013

JPRS

Card 2/2

L 34939-66 EMP(k)/EMP(h)/EMP(v)/EMP(t)/EMP(l)/ETI IJF(c) JD/JG
ACC NR: AP6026601 SOURCE CODE: CZ/0057/65/000/012/0528/0528

AUTHOR: Stuchlik, Vladimir (Engineer; Candidate of sciences)

16
B

ORG: Research and Testing Institute, NHKG, Ostrava (Vyzkumny a zkusebni ustav NHKG)

TITLE: Steel usage in coal milling in hammer mills

SOURCE: Hutnik, no. 12, 1965, 528.

TOPIC TAGS: coal, chromium steel alloy

ABSTRACT: Practical experiments were conducted with various steels. The best material from the point of view of resistance to attrition was steel containing 13% of Cr, 1.5% of Ni, and some V and W. Chromium is considered to be the most important alloying element for this application. Orig. art. has: 2 figures and 1 table.
[JPRS: 34,512]

SUB CODE: 11 / SUBM DATE: none

Card 1/1 ✓

OELla - 222 -

L 46895-66

ACC NR: AF6034281

SOURCE CODE: CZ/0034/66/000/005/0305/0310

13

B

AUTHOR: Stuchlik, Vladimir (Engineer; Candidate of sciences)

ORG: Research and Testing Institute, Klement Gottwald Nova Hut Iron Works,
Ostrava - Kuncice (Vyzkumný a Zkušební Ustav NHKG)

TITLE: Anthracite use in ramming type coking process

SOURCE: Hutnické listy, v. 21, no. 5, 1966, 305-310

TOPIC TAGS: coal, coke

ABSTRACT: [Author's English summary modified]: Anthracite when finely ground limits the occurrence of cracks in coke in post-plastic state. The physico-chemical properties of coke are improved by an addition of anthracite. The anthracite should be crushed to 95% less than imm size; it is used to replace coking coal, has low moisture, higher S content, and is tough. The coke produced has a higher M40 strength, but may have a lower abrasion strength in M10 coke. The yield of blast furnace coke is increased by the addition of anthracite. Results of full scale operation in 3 coke oven plants at the KG Nova Hut Iron Works are described. Orig. art. has: 3 figures and 5 tables.
[JPRS: 36,867]

SUB CODE: 08 / SUBM DATE: none / ORIG REF: 003

UDC: 662.74

0921 0002

Card 1/1 f7

MINAR, J.; FIRT, P.; HEJAL, L.; JADRNY, J.; POSSNER, M.; STUCHLIK, Z.; SAUER, J.;
VEHOBEROVA, J.; ZAK, R.

Clinical experiences with the treatment of severe hemorrhage. Rozhl.
chir. 36 no.4:235-242 Apr 57.

(HEMORRHAGE, ther.

rapid extensive intravenous transfusion (Cz))

(BLOOD TRANSFUSION, in var. dis.

hemorrh.rapid extensive intravenous transfusion (Cz))

KANDRAC, M.; MACH, O.; STUCHLIKOVÁ, E.; DONICKÝ, A.; ZITKA, M.

Excessive α -ketoglutarate excretion in the urine; a new metabolic abnormality: Cas. lek. cesk. 97 no. 47:1477-1482 21 Nov 58.

1. Laborator pro endokrinologii a metabolismus, III. interní klinika
KU v Praze, prednosta akademik Josef Charvat. M. K., Praha 2, U nemocnice
1.

(GLUTARATES, in urine
excessive α -ketoglutarate excretion as metab. abnorm. (Cz))
(METABOLIC DISEASES
same)

RIEDL, O.; HRUSKOVA, J.; STUCHLIKOVÁ, E.; KOMÁRKOVÁ, A.; NOVOTNÁ, B.;
TENOROVÁ, M.; RENNER, J.; TVAROCH, Fr.; ATANASCOVÁ.

Effect of caprolactam on the metabolism in obese subjects and
preliminary observations on the treatment of obesity. Sborn.
lek.62 no.12:338-349 D '60.

1. IV. interní klinika fakulty všeobecného lekarství University
Karlových v Praze, prednosta prof.dr. M.Fucik; Centralní laboratoře
fakultní nemocnice v Praze 2, prednosta dr. J.Hrabánek; Endokrino-
logické oddělení FZS - KUNZ - KNV Praha, vedoucí doc.dr. Fr.Tvaroch.
(OBESITY ther)
(HETEROCYCLIC COMPOUNDS ther)

POKORNY, Josef; STUCHLIKOVÁ, Eva; TENOROVÁ, Marta; SINDELAROVÁ, Irena

Determination of the serum LDH activity in peripheral circulatory disorders. Cas.lek.cesk 100 no.29/30:913-916 14 Jl '61.

1. IV. interní klinika KU v Praze, prednosta prof. MUDr. Mojmir Fucik Centralni laboratoře KUNZ-KNV Praha, prednosta MUDr. Jan Hrabane.

(VASCULAR DISEASES PERIPHERAL blood)
(DEHYDROGENASES blood)

RIEDL, O.; HRUSKOVA, J.; STUCHLIKOVÁ, E.; KOMARKOVA, A.; NOVOTNA, ~~■■■■■~~
BLAZKOVA, B.; TENOROVA, M.; RENNER, J.; SPALA, M.; TVAROH, F.;
Technical Assistance: ATANASOVSKA, J.; TRUKOVA, R.

Treatment of obesity with caprolactam. Rev. Czech. med. 9
no. 3:167-182 '62.

1. Fourth Medical Clinic, Faculty of General Medicine, Charles
University, Prague. Director: Prof. M. Fucik, M.D. Central
Laboratory, Faculty Hospital, Prague. Director: Dr. J. Hrabane
Institute for General and Experimental Pathology, Faculty of
General Medicine. Director: Prof. J. Hepner, M.D. Endocrinolo-
logical Department, University Health Centre, Regional Institute
of National Health, Central Bohemian Region. Director: Doc.

F. Tvaroh, M.D.

(OBESITY) (AMINOCAPROIC ACID)
(PYRUVATES) (CITRATES) (LACTATES)

RIEDL, O.; HRUSKOVA, J.; STUCHLIKOVÁ, E.; SPALA, M.; TVAROH, F.;
ATANASOVOVÁ, J.; TRUKOVA, R.

Clinical experiences in the treatment of obesity with
caprolactam. Sborn. lek. 65 no.5:133-141 My '63.

1. IV interni klinika fakulty vseobecneho lekarstvi University
Karlovych v Praze, prednosta prof. dr. M. Fucik Ustav pro
vseobecnu a pokusnou patologii fakulty vseobecneho lekarstvi
University Karlovych v Praze, prednosta prof. dr. J. Hepner
Endokrinologicke oddeleni fakultni polikliniky KUNZ Stredo-
ceskeho kraje, vedouci doc. dr. F. Tvaroh.
(OBESITY) (APPETITE DEPRESSANTS)

STUCHLIKOVÁ, E.; HRUSKOVÁ, J.; MLATECKOVÁ, V.; KREJCIK, L.; HRUZA, Z.;
JELINKOVÁ, M.

Effect of heparin on the non-esterized fatty acid level in the
obese in relation to age. Česk. gastroent. vyz. 19 no.5:267-272
Jl '65.

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